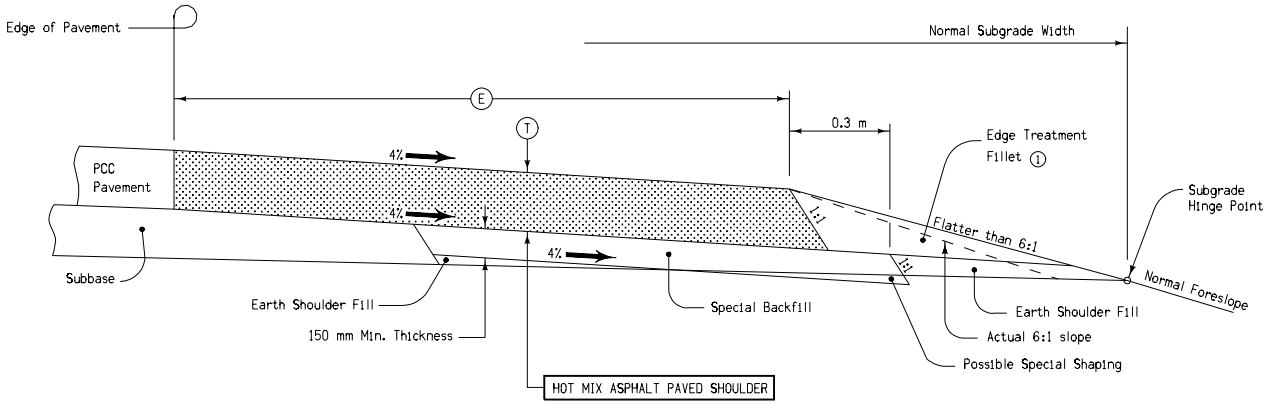
GENERAL NOTES:

Payment for "Special Backfill" shall be based on a uniform 150 millimeters thickness. The thickness may be exceeded at the Contractor's option with no compensation for the additional material.

Contract Items:

Paved Shoulder, Hot Mix Asphalt Mixture
Special Backfill



TYPICAL SECTION
HOT MIX ASPHALT PAVED SHOULDER

DESIGN QUANTITY TABLE (2)

(T)	(E) = 1.2 m		(E) = 1.8 m		(E) = 2.4 m		(E) = 3.0 m	
	Area m^2	HMA Mg (3)	Area m^2	HMA Mg (3)	Area m^2	HMA Mg (3)	Area m^2	HMA Mg (3)
200	120.0	60.5	180.0	88.4	240.0	116.3	300.0	144.2
210	120.0	63.7	180.0	93.0	240.0	122.3	300.0	151.6
220	120.0	67.0	180.0	97.7	240.0	128.4	300.0	159.1
230	120.0	70.3	180.0	102.4	240.0	134.5	300.0	166.6
240	120.0	73.7	180.0	107.1	240.0	140.6	300.0	174.1
250	120.0	77.0	180.0	111.9	240.0	146.8	300.0	181.6
260	120.0	80.4	180.0	116.7	240.0	152.9	300.0	189.2
270	120.0	83.8	180.0	121.5	240.0	159.1	300.0	196.8
280	120.0	87.2	180.0	126.3	240.0	165.4	300.0	204.4
290	120.0	90.7	180.0	131.1	240.0	171.6	300.0	212.1
300	120.0	94.2	180.0	136.0	240.0	177.9	300.0	219.7

(1) Refer to the appropriate Detail Drawing.

(2) Quantities indicated are for design purposes. Quantities listed are for one shoulder per station.

(3) Quantities shown are based on a design density of 2325 kilograms per cubic meter for Hot Mix Asphalt with an asphalt content of 6.0% utilizing a 19 millimeter aggregate mix size, with 45% crushed particles, and no special aggregate frictional requirements. N_{ini}, N_{des}, and N_{max} shall be 7, 68, and 104 respectively regardless of design ESALs for the pavement. Asphalt Binder PG58–28 shall be utilized with this mix.

All dimensions given in millimeters unless noted.

M

Iowa Department of Transportation
Highway Division

METRIC VERSION

STANDARD ROAD PLAN **RH-41C**

REVISION: Remove reference to Rumble Strip Standard.

REVISION NO. 15

REVISION DATE 10-21-03

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

PAVED SHOULDER
FULL DEPTH HOT MIX ASPHALT
(ADJACENT TO PCC PAVEMENT)